

## GROUNDWATER INDEX

Page 1 of 1

County

Richland

Twp.

N.L.D.

Rge.

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
	Bane, Donald	47K 2	317281	
	Buttler, James H.	57 Mill Log	257664	
	Buttler, Victor			
	Christensen, John J.	47K 4	286424	24N R60E
	Collins, William Mrs.	47K 2	286941	
	Copeland, Reginald	47K 2	315228	
	DeKort, Virgil	47K 2	302159	
	Hammer, H. Paul	57 Mill Log	243525	23N R59E
	Hick, Roy A.	47K 4	286521	23N R59E
	Hill, Christine, husband and wife			
	Houchens, Charles	47K 2	302068	
	Hunter, Clifford H.	47K 4	286221	23N R59E
	Hunter, Clifford H.	47K 4	286220	23N R59E
	Nelson, H. E.	47K 2	286225	
	Hutchins, E. A.	57 Mill Log	305500	20N R58E
	Hutchins, E. A.	47K 4	286250	23N R59E
	Hutchins, E. A.	47K 4	286762	
	Hutchins, E. A.	47K 4	286197	23N R59E
	Rosen, Dale	47K 2	319410	
	Sanderson, Marvin	47K 2	314296	23N R59E
	Smith, Clara M.	47K 4	286672	23N R59E
	Smith, Anna M.			
	Smith, Clara M.	47K 4	286673	23N R59E
	Smith, Anna M.			
	Smith, James O.	47K 4	286319	
	Stark, J. H.	47K 2	307373	
	Stark, J. H.	57 Mill Log	260431	
	Stark, J. H.	57 Mill Log		24N R60E
	Thompson, Paul	47K 2	323300	
	Schoenen, Charles	well '09	265539	

44929

STATE OF MONTANA, }  
County of Richland, } ss. 317281

Filed this 21 day of

Dec A. D. 19 70

at 1:05 o'clock P. M.

Walter D. Smith  
County Recorder

James Paladichuk  
Deputy

Filed

6208

RECEIVED  
JUN 2 - 1958

T. \_\_\_\_\_ R. \_\_\_\_\_  
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY  
STATE ENGINEER Butte, Montana

WATER WELL LOG


Owner James A. Victor Cotton Address Collection  
Driller Andy Mocko Address 320 SE Sidney  
Date Started May 7 Date Completed May 10-58  
Location: Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ 1/4 sec. \_\_\_\_\_

Type of well Drilled Equipment used Churn  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 161 ft. to \_\_\_\_\_ ft. Type C.D. Size 6 in  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 126 to ft. 161 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 26 feet at 20 gal. per min.

How tested: Bailing

Length of test 12 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

### Log of Well

[illegible]

**T R**

County Richland

ENGINEER 1964

(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of Appropriation of Groundwater.....

Date well started 12-29-62 Date Completed 12-31-62

Type of well Drilled Equipment Used Churn Drill  
(aug, driven, bored or  
drilled) (Churn, drill, rotary or  
other)

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 inch	6 inch wt. 10' 50" per ft.	surface	54	none	—	—
				Water enters lower end of casing.		

Static Water Level for non-flowing Well Constant at 4 feet.

Shut-in Pressure for Flowing Well Not the Case

Pumping Water Level.....feet at over 30 gal. per minute.

Discharge in gal. per min. of flowing well *Not the Case*

How Tested Power pump Length of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) *This is a*

residence well and casing is approx  
4 feet underground with pipe entrance  
to water system in basement.

Driller's License Number

Driller's Signature Raymond J. Petersen

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

30159

STATE OF MONTANA, } ss. 286941  
County of Richland, }

Filed this 6 day of

Jan A. D. 19 64  
at 11:45 o'clock, P.M.

E. R. Kasper  
County Recorder  
R. Otterman  
Deputy

fee: \$2.00  
filed

File No. ....

**RECEIVED**

T. .... R. ....

TRIPPLICATE

JUN 4 1970

County. ....

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater  
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground	
(Elev. above sea level...)	
800	Gravel sand
798	Gravel
796	Gravel clay
794	Gravel
792	Gravel clay
790	Gravel
788	Gravel
786	Gravel clay
784	Gravel
782	Gravel shale
780	Gravel
778	Gravel
776	Gravel shale
774	Gravel
772	Gravel
770	Gravel
768	Gravel
766	Gravel
764	Gravel
762	Gravel
760	Gravel
758	Gravel
756	Gravel
754	Gravel
752	Gravel
750	Gravel
748	Gravel
746	Gravel
744	Gravel
742	Gravel
740	Gravel
738	Gravel
736	Gravel
734	Gravel
732	Gravel
730	Gravel
728	Gravel
726	Gravel
724	Gravel
722	Gravel
720	Gravel
718	Gravel
716	Gravel
714	Gravel
712	Gravel
710	Gravel
708	Gravel
706	Gravel
704	Gravel
702	Gravel
700	Gravel
698	Gravel
696	Gravel
694	Gravel
692	Gravel
690	Gravel
688	Gravel
686	Gravel
684	Gravel
682	Gravel
680	Gravel
678	Gravel
676	Gravel
674	Gravel
672	Gravel
670	Gravel
668	Gravel
666	Gravel
664	Gravel
662	Gravel
660	Gravel
658	Gravel
656	Gravel
654	Gravel
652	Gravel
650	Gravel
648	Gravel
646	Gravel
644	Gravel
642	Gravel
640	Gravel
638	Gravel
636	Gravel
634	Gravel
632	Gravel
630	Gravel
628	Gravel
626	Gravel
624	Gravel
622	Gravel
620	Gravel
618	Gravel
616	Gravel
614	Gravel
612	Gravel
610	Gravel
608	Gravel
606	Gravel
604	Gravel
602	Gravel
600	Gravel
598	Gravel
596	Gravel
594	Gravel
592	Gravel
590	Gravel
588	Gravel
586	Gravel
584	Gravel
582	Gravel
580	Gravel
578	Gravel
576	Gravel
574	Gravel
572	Gravel
570	Gravel
568	Gravel
566	Gravel
564	Gravel
562	Gravel
560	Gravel
558	Gravel
556	Gravel
554	Gravel
552	Gravel
550	Gravel
548	Gravel
546	Gravel
544	Gravel
542	Gravel
540	Gravel
538	Gravel
536	Gravel
534	Gravel
532	Gravel
530	Gravel
528	Gravel
526	Gravel
524	Gravel
522	Gravel
520	Gravel
518	Gravel
516	Gravel
514	Gravel
512	Gravel
510	Gravel
508	Gravel
506	Gravel
504	Gravel
502	Gravel
500	Gravel
498	Gravel
496	Gravel
494	Gravel
492	Gravel
490	Gravel
488	Gravel
486	Gravel
484	Gravel
482	Gravel
480	Gravel
478	Gravel
476	Gravel
474	Gravel
472	Gravel
470	Gravel
468	Gravel
466	Gravel
464	Gravel
462	Gravel
460	Gravel
458	Gravel
456	Gravel
454	Gravel
452	Gravel
450	Gravel
448	Gravel
446	Gravel
444	Gravel
442	Gravel
440	Gravel
438	Gravel
436	Gravel
434	Gravel
432	Gravel
430	Gravel
428	Gravel
426	Gravel
424	Gravel
422	Gravel
420	Gravel
418	Gravel
416	Gravel
414	Gravel
412	Gravel
410	Gravel
408	Gravel
406	Gravel
404	Gravel
402	Gravel
400	Gravel
398	Gravel
396	Gravel
394	Gravel
392	Gravel
390	Gravel
388	Gravel
386	Gravel
384	Gravel
382	Gravel
380	Gravel
378	Gravel
376	Gravel
374	Gravel
372	Gravel
370	Gravel
368	Gravel
366	Gravel
364	Gravel
362	Gravel
360	Gravel
358	Gravel
356	Gravel
354	Gravel
352	Gravel
350	Gravel
348	Gravel
346	Gravel
344	Gravel
342	Gravel
340	Gravel
338	Gravel
336	Gravel
334	Gravel
332	Gravel
330	Gravel
328	Gravel
326	Gravel
324	Gravel
322	Gravel
320	Gravel
318	Gravel
316	Gravel
314	Gravel
312	Gravel
310	Gravel
308	Gravel
306	Gravel
304	Gravel
302	Gravel
300	Gravel
298	Gravel
296	Gravel
294	Gravel
292	Gravel
290	Gravel
288	Gravel
286	Gravel
284	Gravel
282	Gravel
280	Gravel
278	Gravel
276	Gravel
274	Gravel
272	Gravel
270	Gravel
268	Gravel
266	Gravel
264	Gravel
262	Gravel
260	Gravel
258	Gravel
256	Gravel
254	Gravel
252	Gravel
250	Gravel
248	Gravel
246	Gravel
244	Gravel
242	Gravel
240	Gravel
238	Gravel
236	Gravel
234	Gravel
232	Gravel
230	Gravel
228	Gravel
226	Gravel
224	Gravel
222	Gravel
220	Gravel
218	Gravel
216	Gravel
214	Gravel
212	Gravel
210	Gravel
208	Gravel
206	Gravel
204	Gravel
202	Gravel
200	Gravel
198	Gravel
196	Gravel
194	Gravel
192	Gravel
190	Gravel
188	Gravel
186	Gravel
184	Gravel
182	Gravel
180	Gravel
178	Gravel
176	Gravel
174	Gravel
172	Gravel
170	Gravel
168	Gravel
166	Gravel
164	Gravel
162	Gravel
160	Gravel
158	Gravel
156	Gravel
154	Gravel
152	Gravel
150	Gravel
148	Gravel
146	Gravel
144	Gravel
142	Gravel
140	Gravel
138	Gravel
136	Gravel
134	Gravel
132	Gravel
130	Gravel
128	Gravel
126	Gravel
124	Gravel
122	Gravel
120	Gravel
118	Gravel
116	Gravel
114	Gravel
112	Gravel
110	Gravel
108	Gravel
106	Gravel
104	Gravel
102	Gravel
100	Gravel
98	Gravel
96	Gravel
94	Gravel
92	Gravel
90	Gravel
88	Gravel
86	Gravel
84	Gravel
82	Gravel
80	Gravel
78	Gravel
76	Gravel
74	Gravel
72	Gravel
70	Gravel
68	Gravel
66	Gravel
64	Gravel
62	Gravel
60	Gravel
58	Gravel
56	Gravel
54	Gravel
52	Gravel
50	Gravel
48	Gravel
46	Gravel
44	Gravel
42	Gravel
40	Gravel
38	Gravel
36	Gravel
34	Gravel
32	Gravel
30	Gravel
28	Gravel
26	Gravel
24	Gravel
22	Gravel
20	Gravel
18	Gravel
16	Gravel
14	Gravel
12	Gravel
10	Gravel
8	Gravel
6	Gravel
4	Gravel
2	Gravel
0	Gravel

Owner. .... Address. ....

Driller. .... Address. ....

Date of Notice of appropriation of groundwater. ....

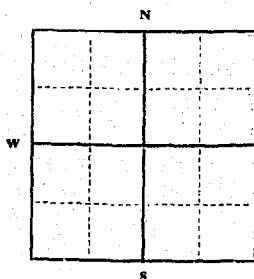
Date well started. .... Date completed. ....

Type of well. .... Equipment used. ....  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Site of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"						
3 7/8"						



Static Water Level for non-flowing well ..... feet.

Shut-in Pressure for Flowing Well. ....

Pumping Water Level. .... feet

at ..... gal. per minute.

Discharge in gal. per min. of flowing well

1

How Tested. ....

Length of Test. ....

Remarks: (Gravel packing, cementing, packers, type of shutoff) ....

1/4 Sec. T. R. ....  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Doc. No. 315228  
Filed for record  
this 2 day of June  
A. D. 19 70 at 10:29  
o'clock A.

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

David Gulbraa  
Driller's Signature.

246517



315228  
STATE OF MONTANA, }  
County of Richland, } ss.

Filed this 3 day of  
June A. D. 1970.  
at 6:21 o'clock, 9 M.  
Walter H. Hiecke  
County Recorder  
Ray Erma Hardy  
Deputy

Filed  
Fee: 2.00

File No. \_\_\_\_\_

MONTANA WATER RESOURCES BOARD

**RECEIVED**

DUPLICATE

LOG

AUG 14 1967

T. \_\_\_\_\_

R. \_\_\_\_\_

County Richland

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD**Notice of Completion of Groundwater  
Appropriation by Means of Well**  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Vergil Gebhardt Address Swage Mont.Driller C H Starr Address Box 1183 - Ell

Date of Notice of appropriation of groundwater \_\_\_\_\_

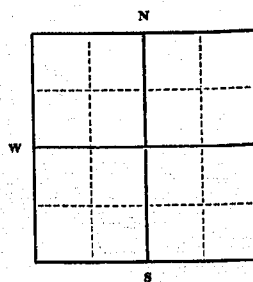
Date well started 8-2-67 Date completed 8-9-67Type of well drilled Equipment used Chummins  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground  
(Elev. above sea level \_\_\_\_\_)

0 > sand  
15 > gravel  
18 > clay  
20 > rock  
23 > grey shale  
35 > coal  
38 > dk shale  
44 > grey shale  
50 > soft sandstone  
57 > water sand  
64 > grey shale  
71

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 1/2"	4"		44'			
4 1/2"	11#	0	57'			
4"	per ft					
to 71'						

Static Water Level for non-flowing well 21 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 50 feet  
at 6 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested PumpedLength of Test 19 hrsRemarks: (Gravel packing, cementing, packers, type of shutoff) Gravel packed up 3' in casing

1/4 Sec. T. R. \_\_\_\_\_  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature C H Starr

42,205

302159

302159

STATE OF MONTANA  
County of Richland

Filed this 11th day of

August A.D. 1967

at 11:55 o'clock P.M.

Helen Sherke

County Recorder

L. J. [Signature]

Deputy

200

filed

RECORDED & INDEXED  
0301300H

1967 AUG 11

803

INDEXED

Level case used

See a

See a

See a

See a

See a

See a

See a

See a

See a

See a

See a

See a

T R

County Richland

DUPLICATE

MONTANA WATER RESOURCES BOARD

STATE OF MONTANA

RECEIVED

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

AUG 3 1967

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

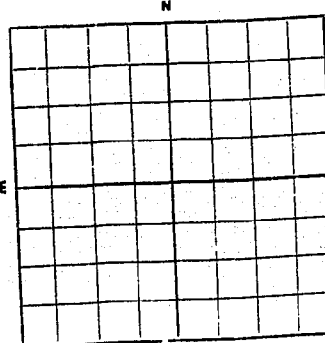
Owner Charles Housh Address 314 W. 2nd St.Driller Gibson Drilling Co. Address 111 W. 1st St.

Date of Notice of appropriation of ground water

Date well started Feb. 1, 1967 Date Completed Feb. 2, 1967Type of well drilled Equipment used chain  
(dug, driven, bored or Churn, drill, rotary or drilled) otherWater use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6" 14 <sup>g</sup>	0	24'	iron slots	16	17



1/4 Sec. T. R.  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well 6 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 12 feet  
at 8 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailerLength of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

94

Driller's License Number

Driller's Signature

30 Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.

42.184

# 302068

STATE OF MONTANA, }  
County of Richland, }

Filed this 2 day of  
August A. D. 1962  
at 2:15 o'clock P.M.

Robert L. Swerda  
County Recorder  
by E. Hardy  
Deputy

Fee - \$2.00  
Filed

Date of Notice of appropriation of ground water

Date well started Feb 2, 1967 Date Completed May 2, 1967

Type of well drilled  
(dug, driven, bored or  
drilled) Equipment used CAWU  
(Churn, drill, rotary or  
other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well

Date of Drilled hole	Kind and Depth of Casing	From (feet)	To (feet)	PERMEATIONS	
				Kind and Size	To (feet)
6	6" 104	0	24'	seep about	26
					27

Static Water Level for non-flowing well  
feet

# 302068

STATE OF MONTANA, }  
County of Richland, }

Filed this 2<sup>nd</sup> day of August A. D. 1912  
at 2:35 o'clock P. M.

Helen L. Lusk  
County Recorder

by E. Lusk  
Deputy

Fee - 2.00

Filed

File No. \_\_\_\_\_

T \_\_\_\_\_ R \_\_\_\_\_

DUPLICATE

County Cochise

Top of Ground

(Elev. above sea level \_\_\_\_\_)

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

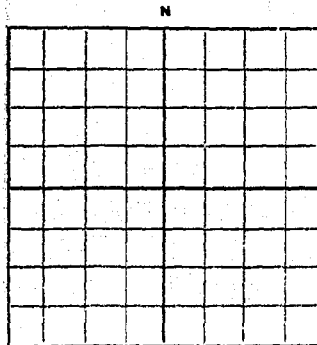
Owner S.E. Nilsson Address Sidney, MontDriller Simpson Drig Co. Address Malta, Mont

Date of Notice of appropriation of ground water \_\_\_\_\_

Date well started 4, Jan. 1965 Date Completed 12, Jan. 1965Type of well Drilled Equipment used Churn  
(dug, driven, bored or Churn, drill, rotary or  
drilled) other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" 11#	0	340	none		



$\frac{1}{4}$  Sec. T. R.  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well 10 feetPumping Water Level 200 feetat 10 gal. per minute.Discharge in gal. per min. of flowing well 21 2 1/2How Tested bailerLength of Test 1 hr

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if

used for irrigation) \_\_\_\_\_

open hole 140-347

Simpson Drig Co #15

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.

46759

STATE OF MONTANA } ss. 296225  
County of Richland,

Filed this 14 day of

January A. D. 1966.

at 10:00 clock, A. M.

E. L. Karker

County Recorder

by E. Hardy

Deputy

filed

fee 2.00



File No. ....

DUPLICATE

RECEIVED  
MAY 20 1964

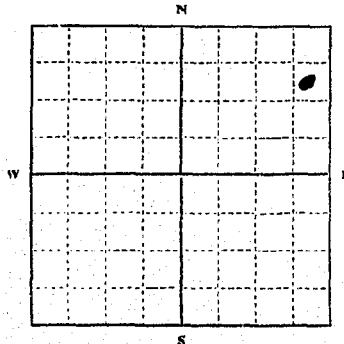
T. .... R. ....

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Dan C PRICE, of Sidney Mont  
(Name of Appropriator) (Address) (Town)County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1/4 Sec. .... T. .... R. ....

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.2. The beneficial use on which the claim is based. will used  
for livestock and other  
farm use3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been. since 1909 -  
continuous4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) .....5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof .....6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal. pump -  
well in farm yard7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater .....8. The depth of water table. about 40 feet9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater .....10. The estimated amount of groundwater withdrawn each year. water for up to 150  
livestock for 40 and  
other farm use

11. The log of formations encountered in the drilling of each well if available .....

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record .....Signature of Owner Dan C PriceDate 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of  
Mines and Geology, and Quadruplicate for the Appropriator.

30056

STATE OF MONTANA, ss. 286762  
County of Richland,

Filed 31

December 31 day of  
1962

at 2 o'clock P.M.

by L. L. Loeber  
County Recorder

Hebert Overbe  
Deputy

fee 2.00  
filed

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Dale Rosasen

Address: Enid  
Montana

Date well started 6-7-71

completed 6-8-71

Type of well Bored

Equipment used other

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

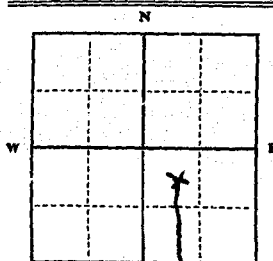
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 180,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
18"	15" 12 g/g			1 1/2 inch	10 ft	27 ft



N.W. 1/4 S.W. 1/4 Sec. 20

T. N. R. S. W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Dale Rosasen

Driller's Address Enid, Montana

LICENSE NO.

County Richland

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) 2500

From (Feet)	To (Feet)	
0	2	top soil
2	3	clay
3	7	sand + gravel
7	25	sand
25	27	sand + gravel

27 ft Show exact depth of bottom

486.35

RECEIVED BY THE COUNTY CLERK  
JUNE 21 1971

NOTICE OF COMPLETION OF RECORDATION  
APPROVED BY THE COUNTY CLERK

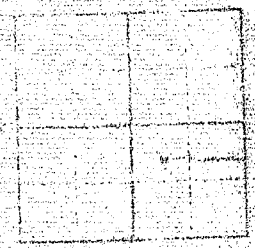
RECORDED BY THE COUNTY CLERK

RECORDED BY THE COUNTY CLERK

STATE OF MONTANA, } ss.  
County of Richland,  
Filed this 21 day of  
June A. D. 19 71  
at 3:00 o'clock P. M.  
Helen Guise  
County Recorder  
Janice Flick  
Deputy

Fee \$ 2.00  
Filed

# 319410



RECORDED BY THE COUNTY CLERK  
JUNE 21 1971

o.

File No. ....

DUPLICATE

RECEIVED  
MAY 20 1964

Approved Block Form—State Publishing Co., Helena, Montana—42234

T. R. Richland  
County

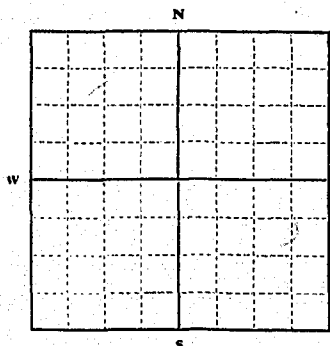
STATE OF MONTANA  
STATE ENGINEER  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James O. Smith, of 610 4th St. N.E. Sidney  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based household & farm watering
- Date or approximate date of earliest beneficial use, and how continuing the use has been early since I have had the place since 1947
- The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not so used
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal for electric

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1961

8. The depth of water table 19 to 21 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater above well said 20 in pipe

10. The estimated amount of groundwater withdrawn each year 75,000

11. The log of formations encountered in the drilling of each well if available Not Known

12. Such other information of a similar nature as may be useful by carrying out the policy of this act, including reference to book and page of any county record at record

Signature of Owner James O. Smith

Date 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

29613

STATE OF MONTANA, } ss. 286379  
County of Richland,

Filed this 31 day of

December A.D. 1963

at 8:39 P.M.

E. L. Hooker

E. L. Hooker

for \$200  
filed

File No. ....

T. .... R. ....

TRIPLICATE

LOG

NOV 7 1967

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

0-2' brown clay  
2-10' rock & gravel  
20-25' brown clay  
25-30' gravel & sand

# Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

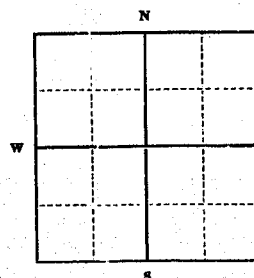
Owner Suehoff Deater Address 1400, MontanaDriller Wilson Drilling Co. Address 1400, Montana

Date of Notice of appropriation of groundwater.....

Date well started 2/2/67 Date completed 3/2/67Type of well Drilled Equipment used Travis  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☒ water conditioning

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6-14	0	45	torch logs	40	42

Static Water Level for non-flowing well 12 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 20 feet  
at 20 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested WELLLength of Test one hourRemarks: (Gravel packing, cementing, packers, type of shutoff) nothing

1/4 Sec. .... T. .... R. ....  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

45 Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

44, 742

STATE OF MONTANA, }  
County of Richland, }

Filed this 6 November A.D. 1968

at 2:36 o'clock P.M.

Helen Gierke

County Clerk  
J. Paladichuk

Filed  
#200



T. \_\_\_\_\_ R. \_\_\_\_\_  
County RICHLAND

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
NOV 28 1958

WATER WELL LOG

STATE ENGINEER


Owner <sup>Iver</sup> Dues Sundheim Address HAIRVIEW  
Driller Andy Mucka Address Sidney  
Date Started 11 OCTOBER Date Completed 15 SP  
Location: Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ 1/4 sec. \_\_\_\_\_

Type of well \_\_\_\_\_ Equipment used CHAIN  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 23.2 ft. to \_\_\_\_\_ ft. Type OD Size 6 inch  
Casing: 3.6 ft. to \_\_\_\_\_ ft. Type OD Size 4 1/2 inch  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 3.0 to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations CUT WITH CUTTING TOOL

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level: 4.0 feet at \_\_\_\_\_ gal. per min. 4.0

How tested: BAILED

Length of test: 6 HOURS

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

### Log of Well

[illegible]

Department of Natural Resources and Conservation  
 cer Resources Division  
 Engineering Bureau  
 Groundwater Section  
 Sam W. Mitchell Building  
 Helena, Montana 59601

Owner Paul Vaira  
 Address Lawbert mt. 59243  
 Location T. R. Sec.  
 Doc. No. 323300

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your ground-water right.

Special Instructions:

*Please provide, as indicated in red on the attached form, the section number in the well location.*

*Thank you.*

*Sent on 8/21/77*

50,841

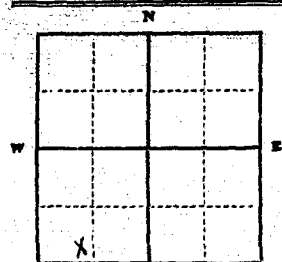
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
 Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). See the map

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind (Size)	From (Feet)	To (Feet)
38"	34" ID Steel	0'	36'	5" Steel	14'	36'



Static water level ..... ft.\*  
 Pumping water level ..... ft.\*  
 at ..... gallons per minute,  
 measured ..... minutes after pumping  
 began.

\*Measured from ground level.  
 Well developed by .....  
 for ..... hours.

Power ..... Pump ..... HP  
 Remarks: (Gravel packing, cementing,  
 packers, type of shutoff) .....

*See map Lot 1*  
*T. 29 N. R. 34 E. S. 4*

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
 EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature [Signature]

Driller's Address [Address]

LICENSE NO. 129

[Large empty grid area for additional notes or data]

36' Show exact depth of bottom

50841



RECEIVED

County Blaine

JUL 7 1972

DRILLER'S LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner

Paul Varnier

Address

Box 101 Mont

For Administrator's Use

File 322300

Date well started

June 14 - 72

July 6, 1972 @  
11:05 A.M.

completed

June 18 72

Type of well

Bored

(Dig, driven, bored or drilled)

Equipment used

Rotary

(Cable drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

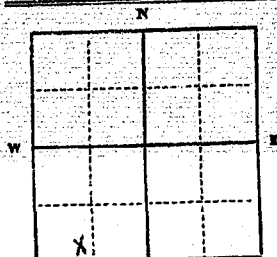
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

USE: If used for Irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). That the owner

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
28"	20" I D Steel	0'	36'	3" 7 inches	14'	36'



Static water level 16 ft.\*  
Pumping water level 38 ft.\*  
at 15 gallons per minute,  
measured 60 minutes after pumping  
began.

\*Measured from ground level.

Well developed by drilling  
for 1 hours.

Power 1 P.m.p. 1 HP

Remarks: (Gravel packing, cementing,  
pecker\* type of shutoff)

S. 24 N. 24 E. 24  
W. 24 S. 24 E. 24

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

Paul Varnier

Driller's Address

Box 101 Mont

LICENSE NO. 159

Top of Ground

(Elev. above s...)

From (Feet)	To (Feet)	
<u>0</u>	<u>12</u>	<u>sandy</u>
<u>12</u>	<u>24</u>	<u>sandy</u>
<u>24</u>	<u>36</u>	<u>sandy</u>
<u>36</u>	<u>48</u>	<u>sandy</u>
<u>48</u>	<u>60</u>	<u>sandy</u>
<u>60</u>	<u>72</u>	<u>sandy</u>
<u>72</u>	<u>84</u>	<u>sandy</u>
<u>84</u>	<u>96</u>	<u>sandy</u>
<u>96</u>	<u>108</u>	<u>sandy</u>
<u>108</u>	<u>120</u>	<u>sandy</u>
<u>120</u>	<u>132</u>	<u>sandy</u>
<u>132</u>	<u>144</u>	<u>sandy</u>
<u>144</u>	<u>156</u>	<u>sandy</u>
<u>156</u>	<u>168</u>	<u>sandy</u>
<u>168</u>	<u>180</u>	<u>sandy</u>
<u>180</u>	<u>192</u>	<u>sandy</u>
<u>192</u>	<u>204</u>	<u>sandy</u>
<u>204</u>	<u>216</u>	<u>sandy</u>
<u>216</u>	<u>228</u>	<u>sandy</u>
<u>228</u>	<u>240</u>	<u>sandy</u>
<u>240</u>	<u>252</u>	<u>sandy</u>
<u>252</u>	<u>264</u>	<u>sandy</u>
<u>264</u>	<u>276</u>	<u>sandy</u>
<u>276</u>	<u>288</u>	<u>sandy</u>
<u>288</u>	<u>300</u>	<u>sandy</u>
<u>300</u>	<u>312</u>	<u>sandy</u>
<u>312</u>	<u>324</u>	<u>sandy</u>
<u>324</u>	<u>336</u>	<u>sandy</u>
<u>336</u>	<u>348</u>	<u>sandy</u>
<u>348</u>	<u>360</u>	<u>sandy</u>
<u>360</u>	<u>372</u>	<u>sandy</u>
<u>372</u>	<u>384</u>	<u>sandy</u>
<u>384</u>	<u>396</u>	<u>sandy</u>
<u>396</u>	<u>408</u>	<u>sandy</u>
<u>408</u>	<u>420</u>	<u>sandy</u>
<u>420</u>	<u>432</u>	<u>sandy</u>
<u>432</u>	<u>444</u>	<u>sandy</u>
<u>444</u>	<u>456</u>	<u>sandy</u>
<u>456</u>	<u>468</u>	<u>sandy</u>
<u>468</u>	<u>480</u>	<u>sandy</u>
<u>480</u>	<u>492</u>	<u>sandy</u>
<u>492</u>	<u>504</u>	<u>sandy</u>
<u>504</u>	<u>516</u>	<u>sandy</u>
<u>516</u>	<u>528</u>	<u>sandy</u>
<u>528</u>	<u>540</u>	<u>sandy</u>
<u>540</u>	<u>552</u>	<u>sandy</u>
<u>552</u>	<u>564</u>	<u>sandy</u>
<u>564</u>	<u>576</u>	<u>sandy</u>
<u>576</u>	<u>588</u>	<u>sandy</u>
<u>588</u>	<u>600</u>	<u>sandy</u>
<u>600</u>	<u>612</u>	<u>sandy</u>
<u>612</u>	<u>624</u>	<u>sandy</u>
<u>624</u>	<u>636</u>	<u>sandy</u>
<u>636</u>	<u>648</u>	<u>sandy</u>
<u>648</u>	<u>660</u>	<u>sandy</u>
<u>660</u>	<u>672</u>	<u>sandy</u>
<u>672</u>	<u>684</u>	<u>sandy</u>
<u>684</u>	<u>696</u>	<u>sandy</u>
<u>696</u>	<u>708</u>	<u>sandy</u>
<u>708</u>	<u>720</u>	<u>sandy</u>
<u>720</u>	<u>732</u>	<u>sandy</u>
<u>732</u>	<u>744</u>	<u>sandy</u>
<u>744</u>	<u>756</u>	<u>sandy</u>
<u>756</u>	<u>768</u>	<u>sandy</u>
<u>768</u>	<u>780</u>	<u>sandy</u>
<u>780</u>	<u>792</u>	<u>sandy</u>
<u>792</u>	<u>804</u>	<u>sandy</u>
<u>804</u>	<u>816</u>	<u>sandy</u>
<u>816</u>	<u>828</u>	<u>sandy</u>
<u>828</u>	<u>840</u>	<u>sandy</u>
<u>840</u>	<u>852</u>	<u>sandy</u>
<u>852</u>	<u>864</u>	<u>sandy</u>
<u>864</u>	<u>876</u>	<u>sandy</u>
<u>876</u>	<u>888</u>	<u>sandy</u>
<u>888</u>	<u>900</u>	<u>sandy</u>
<u>900</u>	<u>912</u>	<u>sandy</u>
<u>912</u>	<u>924</u>	<u>sandy</u>
<u>924</u>	<u>936</u>	<u>sandy</u>
<u>936</u>	<u>948</u>	<u>sandy</u>
<u>948</u>	<u>960</u>	<u>sandy</u>
<u>960</u>	<u>972</u>	<u>sandy</u>
<u>972</u>	<u>984</u>	<u>sandy</u>
<u>984</u>	<u>996</u>	<u>sandy</u>
<u>996</u>	<u>1008</u>	<u>sandy</u>
<u>1008</u>	<u>1020</u>	<u>sandy</u>
<u>1020</u>	<u>1032</u>	<u>sandy</u>
<u>1032</u>	<u>1044</u>	<u>sandy</u>
<u>1044</u>	<u>1056</u>	<u>sandy</u>
<u>1056</u>	<u>1068</u>	<u>sandy</u>
<u>1068</u>	<u>1080</u>	<u>sandy</u>
<u>1080</u>	<u>1092</u>	<u>sandy</u>
<u>1092</u>	<u>1104</u>	<u>sandy</u>
<u>1104</u>	<u>1116</u>	<u>sandy</u>
<u>1116</u>	<u>1128</u>	<u>sandy</u>
<u>1128</u>	<u>1140</u>	<u>sandy</u>
<u>1140</u>	<u>1152</u>	<u>sandy</u>
<u>1152</u>	<u>1164</u>	<u>sandy</u>
<u>1164</u>	<u>1176</u>	<u>sandy</u>
<u>1176</u>	<u>1188</u>	<u>sandy</u>
<u>1188</u>	<u>1200</u>	<u>sandy</u>
<u>1200</u>	<u>1212</u>	<u>sandy</u>
<u>1212</u>	<u>1224</u>	<u>sandy</u>
<u>1224</u>	<u>1236</u>	<u>sandy</u>
<u>1236</u>	<u>1248</u>	<u>sandy</u>
<u>1248</u>	<u>1260</u>	<u>sandy</u>
<u>1260</u>	<u>1272</u>	<u>sandy</u>
<u>1272</u>	<u>1284</u>	<u>sandy</u>
<u>1284</u>	<u>1296</u>	<u>sandy</u>
<u>1296</u>	<u>1308</u>	<u>sandy</u>
<u>1308</u>	<u>1320</u>	<u>sandy</u>
<u>1320</u>	<u>1332</u>	<u>sandy</u>
<u>1332</u>	<u>1344</u>	<u>sandy</u>
<u>1344</u>	<u>1356</u>	<u>sandy</u>
<u>1356</u>	<u>1368</u>	<u>sandy</u>
<u>1368</u>	<u>1380</u>	<u>sandy</u>
<u>1380</u>	<u>1392</u>	<u>sandy</u>
<u>1392</u>	<u>1404</u>	<u>sandy</u>
<u>1404</u>	<u>1416</u>	<u>sandy</u>
<u>1416</u>	<u>1428</u>	<u>sandy</u>
<u>1428</u>	<u>1440</u>	<u>sandy</u>
<u>1440</u>	<u>1452</u>	<u>sandy</u>
<u>1452</u>	<u>1464</u>	<u>sandy</u>
<u>1464</u>	<u>1476</u>	<u>sandy</u>
<u>1476</u>	<u>1488</u>	<u>sandy</u>
<u>1488</u>	<u>1500</u>	<u>sandy</u>
<u>1500</u>	<u>1512</u>	<u>sandy</u>
<u>1512</u>	<u>1524</u>	<u>sandy</u>
<u>1524</u>	<u>1536</u>	<u>sandy</u>
<u>1536</u>	<u>1548</u>	<u>sandy</u>
<u>1548</u>	<u>1560</u>	<u>sandy</u>
<u>1560</u>	<u>1572</u>	<u>sandy</u>
<u>1572</u>	<u>1584</u>	<u>sandy</u>
<u>1584</u>	<u>1596</u>	<u>sandy</u>
<u>1596</u>	<u>1608</u>	<u>sandy</u>
<u>1608</u>	<u>1620</u>	<u>sandy</u>
<u>1620</u>	<u>1632</u>	<u>sandy</u>
<u>1632</u>	<u>1644</u>	<u>sandy</u>
<u>1644</u>	<u>1656</u>	<u>sandy</u>
<u>1656</u>	<u>1668</u>	<u>sandy</u>
<u>1668</u>	<u>1680</u>	<u>sandy</u>
<u>1680</u>	<u>1692</u>	<u>sandy</u>
<u>1692</u>	<u>1704</u>	<u>sandy</u>
<u>1704</u>	<u>1716</u>	<u>sandy</u>
<u>1716</u>	<u>1728</u>	<u>sandy</u>
<u>1728</u>	<u>1740</u>	<u>sandy</u>
<u>1740</u>	<u>1752</u>	<u>sandy</u>
<u>1752</u>	<u>1764</u>	<u>sandy</u>
<u>1764</u>	<u>1776</u>	<u>sandy</u>
<u>1776</u>	<u>1788</u>	<u>sandy</u>
<u>1788</u>	<u>1800</u>	<u>sandy</u>
<u>1800</u>	<u>1812</u>	<u>sandy</u>
<u>1812</u>	<u>1824</u>	<u>sandy</u>
<u>1824</u>	<u>1836</u>	<u>sandy</u>
<u>1836</u>	<u>1848</u>	<u>sandy</u>
<u>1848</u>	<u>1860</u>	<u>sandy</u>
<u>1860</u>	<u>1872</u>	<u>sandy</u>
<u>1872</u>	<u>1884</u>	<u>sandy</u>
<u>1884</u>	<u>1896</u>	<u>sandy</u>
<u>1896</u>	<u>1908</u>	<u>sandy</u>
<u>1908</u>	<u>1920</u>	<u>sandy</u>
<u>1920</u>	<u>1932</u>	<u>sandy</u>
<u>1932</u>	<u>1944</u>	<u>sandy</u>
<u>1944</u>	<u>1956</u>	<u>sandy</u>
<u>1956</u>	<u>1968</u>	<u>sandy</u>
<u>1968</u>	<u>1980</u>	<u>sandy</u>
<u>1980</u>	<u>1992</u>	<u>sandy</u>
<u>1992</u>	<u>2004</u>	<u>sandy</u>
<u>2004</u>	<u>2016</u>	<u>sandy</u>
<u>2016</u>	<u>2028</u>	<u>sandy</u>
<u>2028</u>	<u>2040</u>	<u>sandy</u>
<u>2040</u>	<u>2052</u>	<u>sandy</u>
<u>2052</u>	<u>2064</u>	<u>sandy</u>
<u>2064</u>	<u>2076</u>	<u>sandy</u>
<u>2076</u>	<u>2088</u>	<u>sandy</u>
<u>2088</u>	<u>2100</u>	<u>sandy</u>
<u>2100</u>	<u>2112</u>	<u>sandy</u>
<u>2112</u>	<u>2124</u>	<u>sandy</u>
<u>2124</u>	<u>2136</u>	<u>sandy</u>
<u>2136</u>	<u>2148</u>	<u>sandy</u>
<u>2148</u>	<u>2160</u>	<u>sandy</u>
<u>2160</u>	<u>2172</u>	<u>sandy</u>
<u>2172</u>	<u>2184</u>	<u>sandy</u>
<u>2184</u>	<u>2196</u>	<u>sandy</u>
<u>2196</u>	<u>2208</u>	<u>sandy</u>
<u>2208</u>	<u>2220</u>	<u>sandy</u>
<u>2220</u>	<u>2232</u>	<u>sandy</u>
<u>2232</u>	<u>2244</u>	<u>sandy</u>
<u>2244</u>	<u>2256</u>	<u>sandy</u>
<u>2256</u>	<u>2268</u>	<u>sandy</u>
<u>2268</u>	<u>2280</u>	<u>sandy</u>
<u>2280</u>	<u>2292</u>	<u>sandy</u>
<u>2292</u>	<u>2304</u>	<u>sandy</u>
<u>2304</u>	<u>2316</u>	<u>sandy</u>
<u>2316</u>	<u>2328</u>	<u>sandy</u>
<u>2328</u>	<u>2340</u>	<u>sandy</u>
<u>2340</u>	<u>2352</u>	<u>sandy</u>
<u>2352</u>	<u>2364</u>	<u>sandy</u>
<u>2364</u>	<u>2376</u>	<u>sandy</u>
<u>2376</u>	<u>2388</u>	<u>sandy</u>
<u>2388</u>	<u>2400</u>	<u>sandy</u>
<u>2400</u>	<u>2412</u>	<u>sandy</u>
<u>2412</u>	<u>2424</u>	<u>sandy</u>
<u>2424</u>	<u>2436</u>	<u>sandy</u>
<u>2436</u>	<u>2448</u>	<u>sandy</u>
<u>2448</u>	<u>2460</u>	<u>sandy</u>
<u>2460</u>	<u>2472</u>	<u>sandy</u>
<u>2472</u>	<u>2484</u>	<u>sandy</u>
<u>2484</u>	<u>2496</u>	<u>sandy</u>
<u>2496</u>	<u>2508</u>	<u>sandy</u>
<u>2508</u>	<u>2520</u>	<u>sandy</u>
<u>2520</u>	<u>2532</u>	<u>sandy</u>
<u>2532</u>	<u>2544</u>	<u>sandy</u>
<u>2544</u>	<u>2556</u>	<u>sandy</u>
<u>2556</u>	<u>2568</u>	<u>sandy</u>
<u>2568</u>	<u>2580</u>	<u>sandy</u>
<u>2580</u>	<u>2592</u>	<u>sandy</u>
<u>2592</u>	<u>2604</u>	<u>sandy</u>
<u>2604</u>	<u>2616</u>	<u>sandy</u>
<u>2616</u>	<u>2628</u>	<u>sandy</u>
<u>2628</u>	<u>2640</u>	<u>sandy</u>
<u>2640</u>	<u>2652</u>	<u>sandy</u>
<u>2652</u>	<u>2664</u>	<u>sandy</u>
<u>2664</u>	<u>2676</u>	<u>sandy</u>
<u>2676</u>	<u>2688</u>	<u>sandy</u>
<u>2688</u>	<u>2700</u>	<u>sandy</u>
<u>2700</u>	<u>2712</u>	<u>sandy</u>
<u>2712</u>	<u>2724</u>	<u>sandy</u>
<u>2724</u>	<u>2736</u>	<u>sandy</u>
<u>2736</u>	<u>2748</u>	<u>sandy</u>
<u>2748</u>	<u>2760</u>	<u>sandy</u>
<u>2760</u>	<u>2772</u>	

323300

STATE OF MONTANA, }  
County of Richland, } ss.

Filed this 4 day of

July A. D. 19 72

at 11:05 o'clock, A. M.

Helen L. Burke  
County Recorder

Jay Costeney  
Deputy

Filed

Fee: \$2.00

R

Sheehan, Charles  
No clear LDS

STA

T. \_\_\_\_\_ R. \_\_\_\_\_  
County Richland

DEPARTMENT OF MINES AND GEOLOGY  
Butte, Montana

WELL LOG


Owner Charles Sheehan Address Sedro  
Driller Buddy Jankovic Address Sedro  
Date Started Feb 17 Date Completed 23 59  
Location: Sec 22 T. 34 R. 34 1/4 sec. 59

Type of well Drilled Equipment used Churn  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 167 ft. to \_\_\_\_\_ ft. Type OD Size 6 inch  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 15.5 to ft. 16.7 Ft. 12 ft gup to ft. \_\_\_\_\_

Type of screen or perforations cut with cutting torch

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level 3 feet at \_\_\_\_\_ gal. per min. 5

How tested: Packaging

Length of test Three Hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)

OM

செய்து



GW-1's No GW-2's

GW1

File No. ....

DUPLICATE

T. 22N. R. 58E. East

County RichlandRECEIVED  
APR 30 1963STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Appropriation of Groundwater STATE ENGINEER  
(Under Chapter 237, Montana Session Laws, 1961)

1. I, Andrew C. Thompson, of Box 106 Sidney  
(Name of Appropriator) (Address) (Town)  
County of Richland, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Household use

(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed

25 Gals. Per day

4. The annual period (inclusive dates) of intended use year around

5. The probable or intended date of first beneficial use July 1, 1963

6. The probable or intended date of commencement and completion of the well\* or wells\*

July 1, 1963

7. The location, type, size and depth of well or wells contemplated

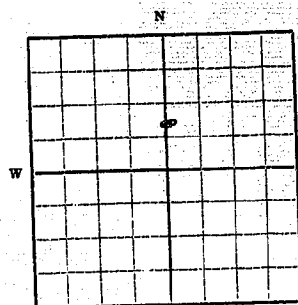
4" casing 60' deep

8. The probable or estimated depth of the water table or artesian aquifer 60' ft

9. Name, address and license number of the driller engaged to be hired

10. Give such other similar information as may be useful in carrying out the policy of this act.

Well will be dug  
to a depth to obtain  
useable water

Well will be dug onN. Half lot 4 of SectionHomesites First Plot1/4 Sec. 12 T22N. R. 52E

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator

Date April 29, 1963

\* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

4293

12

D

DEER

E

s of  
as

the  
nder

y in

L.

o the

4293

STATE OF MONTANA,  
County of Richland, ss. 282640

Filed this 29 day of

April A. D. 19 63  
at 1:20 o'clock, P. M.

E. L. Foster  
County Recorder

D. Sullivan  
Deputy

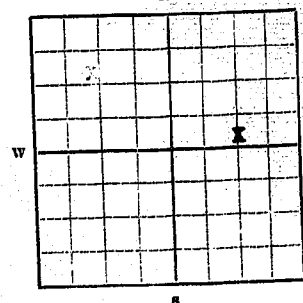
Fee \$2.00  
Filed

File No. ....

DUPLICATE

T 24 N R 37 E  
County HighlandSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Appropriation of Groundwater  
(Under Chapter 237, Montana Session Laws, 1961)RECEIVED  
DEC 27 1963STATE ENGINEER  
Montana

1. I, Edward Erickson, of Sidney,  
(Name of Appropriator) (Address) (Town)  
County of Richland, State of Montana, intend to appropriate groundwater in accordance with Chapter 227, Montana Session Laws of 1961.
2. The beneficial use to which water is to be applied is stock water  
(describe lands to be benefited, if for irrigation)
3. The rate of use in gallons per minute or miner's inches of groundwater claimed 6 gallons per minute
4. The annual period (inclusive dates) of intended use May 1st to November 30th
5. The probable or intended date of first beneficial use August, 1961
6. The probable or intended date of commencement and completion of the well\* or wells\*  
in use
7. The location, type, size and depth of well or wells contemplated  
in use
8. The probable or estimated depth of the water table or artesian aquifer 72 feet
9. Name, address and license number of the driller engaged  
Bob Evans, Sidney, Montana
10. Give such other similar information as may be useful in carrying out the policy of this act

NE  
XX 1/4 Sec 17 24N 37E

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator, Edward EricksonDate 12-20-63

\* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

13673

285990

STATE OF MONTANA, }  
County of Richland, } ss.

Filed this 26 day of  
December A.D. 1963  
at 2:15 P.M.  
by L. Hagler  
Clerk of Court  
Valerie L. Hagler  
Deputy

filed